

Amendments to the specification

Please replace paragraph [0027] with the following rewritten paragraph:

-- [0027] In use, the top piece **22** of the linear stage **12** here can be moved left or right, thus moving the digital scale **14** relative to the detector **16**. The detector ~~36~~ **16** then produces and sends a signal to the display **18** via the signal wire **20**. The adjustable stop **26** can be used to set a rightmost position **28** for travel of the top piece **22**. The display **18** can then be set to read zero when the top piece **22** is in the rightmost position **28**, and the display **18** will display a relative measurement or displacement when the top piece **22** is moved away from the rightmost position **28**. --